

REMARKS

Applicant wishes to thank the Examiner for the detailed remarks. Claims 22 and 25-27 and 29-34 remain pending.

Drawings

Figure 1 has been amended to recite “Related Art” as requested by the Examiner. No new matter has been added.

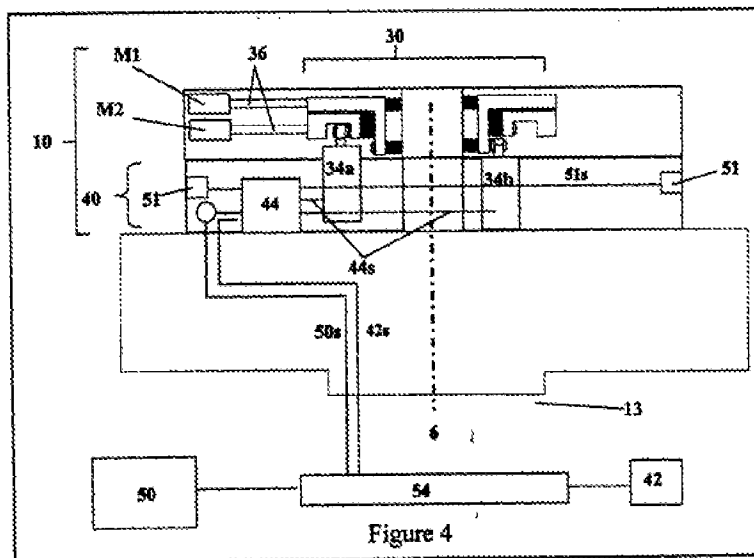
35 U.S.C. §112

Claims 22, 25-27, and 29-34 stand rejected under 35 U.S.C. §112, second paragraph as being indefinite for failing to particularly point out and distinctly claim the subject matter. The Examiner recites that:

Claim 22 is indefinite because it includes the limitation “a radial arm operable to spin about said axis of rotation,” which is unclear. Is this movement different than the rotation of the masses? The specification fails to disclose any element which “spins.”

Applicant respectfully traverses this rejection. Although the specification does not specifically use the word “spin,” Applicant respectfully submits that the “spinning” or “rotation of the radial arms about the axis of rotation” is clear on its face. The accepted definition of the term “spin” is simply to revolve rapidly. Applicant points to the specification at page 6, lines 22 – page 7, line 2, as reproduced below.

The masses M1, M2 are (i) disposed at a predetermined distance R from the main rotor shaft axis 6; (ii) driven in the same or opposing rotational direction as the main rotor shaft axis 6; and (iii) driven at a rotational speed at least 3P greater than the rotational speed 1P of the rotor shaft 4. In one embodiment, the drive system 30 includes a pair of electric motors 34a, 34b for driving each of the masses M1, M2 through a relatively small diameter, constant cross-section radial arm 36 (shown schematically in Fig. 3a – 3c). Moreover, the electric motors 34a, 34b are independent of each other, e.g., may be driven at different rotational speeds to enable variation of the isolation force magnitude and phase.



The constant cross-section radial arm 36 is schematically shown in Figures 3A-3C as well as in the side view of Figure 4. Applicant respectfully submits that claim 22 is definite and particularly points out that the masses extend from the radial arms which are operable to spin about the axis of rotation. Applicant respectfully requests reconsideration of this rejection.

35 U.S.C. §103

Claims 22, 25-27, and 29-34 were rejected under 35 U.S.C. §103(a) as being unpatentable over *Ueda* in view of *Perry* (6813973). Applicant respectfully traverses this rejection. As previously discussed and as stated in a decision on appeal, the Board determined that *Ueda*'s mass members do not spin on the Z-axis. [7/30/2009 Decision on Appeal, p. 5.] Applicant respectfully submits that claim 22 and its dependent claims are clear on their face and are simply not disclosed or suggested by the proposed combination – even if the combination were proper. Applicant respectfully requests reconsideration of this rejection for at least this reason.

Applicant respectfully submits that this case is in condition for allowance. If the Examiner believes that a teleconference will facilitate moving this case forward to being issued, Applicant's representative can be contacted at the number indicated below.

Respectfully submitted,

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